

NAME/ADDRESS (Include location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

F - FINAL

Form Approved
OMB No. 2040-0004
Expires 3-31-88

RECEIVED
MAY 15 1989
WATER RESOURCES & COMPLIANCE BRANCH
EPA REGION 5

1D0023492
PERMIT NUMBER

001
DISCHARGE NUMBER

| MONITORING PERIOD | | | | | | |
|-------------------|---------|---------|----|---------|---------|---------|
| YEAR | MO | DAY | TO | YEAR | MO | DAY |
| | | | | | | |
| (20-21) | (22-23) | (24-25) | | (26-27) | (28-29) | (30-31) |

FACILITY
LOCATION
P.H. FITCH VICE PRES/GEN MGR

NOTE: Read instructions before completing this form.

| PARAMETER (32-37) | X | (3 Card Only) (46-53) QUANTITY OR LOADING (54-61) | | | (4 Card Only) (38-45) QUALITY OR CONCENTRATION (46-53) (54-61) | | | | NO. EX (62-63) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) | | | |
|--|--------------------|---|---------|-------|--|-----------|----------|-------|----------------------|--|---------------------------|--|--|--|
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | | | | | | |
| PH | | | | | | | | | | | | | | |
| EFFLUENT GROSS VALU | SAMPLE MEASUREMENT | | | | 6.30 | | 7.50 | SU | | | Grab | | | |
| SOLIDS, TOTAL | PERMIT REQUIREMENT | | | | MINIMUM | | MAXIMUM | | | | | | | |
| SUSPENDED | | | | | | | | | | | | | | |
| EFFLUENT GROSS VALU | SAMPLE MEASUREMENT | | | | | 20 | 30 | MG/L | | | Grab | | | |
| PERMIT REQUIREMENT | | | | | | 3000A AVG | DAILY MX | | | | | | | |
| ARSENIC, TOTAL | | | | | | | | | | | | | | |
| (AS AS) | SAMPLE MEASUREMENT | | | | | | < 00005 | | 0 | once/month | Grab | | | |
| EFFLUENT GROSS VALU | PERMIT REQUIREMENT | | | | | | 0.490 | MG/L | | ONCE/MONTH | GRAB | | | |
| CADMIUM, TOTAL | | | | | | | | | | | | | | |
| (AS CD) | SAMPLE MEASUREMENT | | | | | | < 0.005 | | 0 | once/month | Grab | | | |
| EFFLUENT GROSS VALU | PERMIT REQUIREMENT | | | | | | 0.0053 | MG/L | | ONCE/MONTH | GRAB | | | |
| COPPER, TOTAL | | | | | | | | | | | | | | |
| (AS CU) | SAMPLE MEASUREMENT | | | | | | < 0.01 | | 0 | once/month | Grab | | | |
| EFFLUENT GROSS VALU | PERMIT REQUIREMENT | | | | | | 0.0245 | MG/L | | ONCE/MONTH | GRAB | | | |
| LEAD, TOTAL | | | | | | | | | | | | | | |
| (AS PB) | SAMPLE MEASUREMENT | | | | | | < 0.05 | | 0 | once/month | Grab | | | |
| EFFLUENT GROSS VALU | PERMIT REQUIREMENT | | | | | | 0.0389 | MG/L | | ONCE/MONTH | GRAB | | | |
| ZINC, TOTAL | | | | | | | | | | | | | | |
| (AS ZN) | SAMPLE MEASUREMENT | | | | | | 0.083 | | 0 | once/month | Grab | | | |
| EFFLUENT GROSS VALU | PERMIT REQUIREMENT | | | | | | 0.165 | MG/L | | ONCE/MONTH | GRAB | | | |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION I BELIEVE THE SUBMITTED INFORMATION IS TRUE ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) | | | | TELEPHONE | | DATE | | | | | | |
| P.H. FITCH | | | | | | | | | | | | | | |
| V.P. / G.M. | | | | | | | | | | | | | | |
| TYPED OR PRINTED | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | | | 208 | 838-2200 | 89 | 05 | 10 | | | | |
| | | | | | | AREA CODE | NUMBER | YEAR | MO | DAY | | | | |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

2 NAME/ADDRESS (Include
ne/Location if different)

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

Form Approved
OMB No. 2040-0004
Expires 8-31-88

CYPRUS THOMPSON CREEK MINING C
RESS P.O. BOX 62
CLAYTON ID 83227

DISCHARGE MONITORING REPORT (DMR)

F - FINAL

DISCHARGE TO BUCKSKIN CREEK

1D0025402
PERMIT NUMBER

001 A
DISCHARGE NUMBER

FACILITY

LOCATION

ATTN: P.H. FITCH VICE PRES/GEN MGR

MONITORING PERIOD

FROM YEAR MO DAY TO YEAR MO DAY
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUBK 03)

NOTE: Read instructions before completing this form.

| PARAMETER (32-37) | | (3 Card Only) QUANTITY OR LOADING (46-53) | | | (4 Card Only) QUALITY OR CONCENTRATION (54-61) | | | | NO. EX (62-63) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|---|-----------------------|---|--------------------|-------|--|---------|--------------------|-------|----------------------|--|---------------------------|
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | | | |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT | SAMPLE MEASUREMENT | 0.487 | 1.903 | | ***** | ***** | ***** | | 0 | daily | |
| 50050 1 0 0 EFFLUENT GROSS VALU | PERMIT REQUIREMENT | REPORT 30DA AVG | REPORT DAILY MX | MGD | ***** | ***** | ***** | **** | | DAILY | |
| MERCURY, TOTAL (AS MG) | SAMPLE MEASUREMENT | ***** | ***** | | ***** | ***** | 0.0020 | | 1 | once/ month | GRAB |
| 71900 1 0 0 EFFLUENT GROSS VALU | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | ***** | 0.0002 DAILY MX | MG/L | | ONCE/ MONTH | GRAB |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |

RECEIVED
MAY 15 1989
WATER PERMITS & COMPLIANCE BRANCH
EPA-REGION 10

| | | | | | | | | | |
|--|--|--|---|--|---------------------|--------------------|------------|----------|-----------|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) | TELEPHONE | | DATE | | | | |
| P.H. FITCH V.P. / G.M. | | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | 208 AREA CODE | 833-2200 NUMBER | 89 YEAR | 05 MO | 10 DAY |
| TYPED OR PRINTED | | | | | | | | | |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME CYPRUS THOMPSON CREEK MINING C
ADDRESS P.O. BOX 62
CLAYTON ID 83227
FACILITY
LOCATION

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

ID0025402
PERMIT NUMBER

002 A
DISCHARGE NUMBER

F - FINAL
DISCHARGE TO PAT

Form Approved
OMB No. 2040-0004
Expires 3-31-88

MONITORING PERIOD
FROM YEAR 89 MO 04 DAY 01 TO YEAR 89 MO 04 DAY 30
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUBK 03)

NOTE: Read instructions before completing this form.

| PARAMETER (32-37) | | (3 Card Only) QUANTITY OR LOADING (46-53) | | | (4 Card Only) QUALITY OR CONCENTRATION (54-61) | | | | NO. EX (62-63) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|---|--------------------|---|---------|-------|--|---|----------------------------|--------------|----------------------|--|---------------------------|
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | | | |
| PH | SAMPLE MEASUREMENT | ***** | ***** | | 6.6 | ***** | 7.5 | | 0 | weekly | GRAB |
| 00400 1 0 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | **** | 6.0 MINIMUM | ***** | 9.0 MAXIMUM | SU | | WEEKLY | GRAB |
| SOLIDS, TOTAL SUSPENDED | SAMPLE MEASUREMENT | ***** | ***** | | ***** | 18 | 24 | | 0 | weekly | GRAB |
| 00530 1 0 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | 20 30DA AVG | 30 DAILY MX | MG/L | | WEEKLY | GRAB |
| ARSENIC, TOTAL (AS AS) | SAMPLE MEASUREMENT | ***** | ***** | | ***** | ***** | | | 0 | once/ month | GRAB |
| 01002 1 0 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | ***** | 0.005 0.490 DAILY MX | MG/L | | ONCE/ MONTH | GRAB |
| CADMIUM, TOTAL (AS CD) | SAMPLE MEASUREMENT | ***** | ***** | | ***** | ***** | 0.009 0.001 | | 0 | once/ month | GRAB |
| 01027 1 0 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | ***** | 0.0053 DAILY MX | MG/L | | ONCE/ MONTH | GRAB |
| COPPER, TOTAL (AS CU) | SAMPLE MEASUREMENT | ***** | ***** | | ***** | ***** | 0.01 | | 0 | once/ month | GRAB |
| 01042 1 0 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | ***** | 0.0245 DAILY MX | MG/L | | ONCE/ MONTH | GRAB |
| LEAD, TOTAL (AS PB) | SAMPLE MEASUREMENT | ***** | ***** | | ***** | ***** | 44.0 | | 1 | once/ month | GRAB |
| 01051 1 0 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | ***** | 0.0589 DAILY MX | MG/L | | ONCE/ MONTH | GRAB |
| ZINC, TOTAL (AS ZN) | SAMPLE MEASUREMENT | ***** | ***** | | ***** | ***** | 0.083 | | 0 | once/ month | GRAB |
| 01092 1 0 0 EFFLUENT GROSS VALUE | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | ***** | 0.165 DAILY MX | MG/L | | ONCE/ MONTH | GRAB |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT. SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) | | | | TELEPHONE | | DATE | | | |
| P.H. FITCH V.P. / G.M. TYPED OR PRINTED | | | | | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | AREA CODE | NUMBER | YEAR | MO |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)
NAME CYPRUS THOMPSON CREEK MINING C
ADDRESS P.O. BOX 62
CLAYTON ID 83227
FACILITY
LOCATION
ATTN: P.H. FITCH VICE PRES/GEN MGR

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)
DISCHARGE MONITORING REPORT (DMR)

(2-16) ID0025402 PERMIT NUMBER
(17-19) 002 A DISCHARGE NUMBER

F - FINAL
DISCHARGE TO PAT HUGHES CREEK
Form Approved
OMB No. 2040-0004
Expires 8-31-88

MONITORING PERIOD
FROM YEAR 89 MO 04 DAY 01 TO YEAR 89 MO 04 DAY 30
(20-21) (22-23) (24-25) (26-27) (28-29) (30-31)

MAJOR (SUBR 03)

NOTE: Read instructions before completing this form.

| PARAMETER (32-37) | | (3 Card Only) QUANTITY OR LOADING (46-53) | | | (4 Card Only) QUALITY OR CONCENTRATION (54-61) | | | | NO. EX (62-63) | FREQUENCY OF ANALYSIS (64-68) | SAMPLE TYPE (69-70) |
|--|-----------------------|---|--------------------|-------|--|---------|--------------------|-------|----------------------|--|---------------------------|
| | | AVERAGE | MAXIMUM | UNITS | MINIMUM | AVERAGE | MAXIMUM | UNITS | | | |
| FLOW, IN CONDUIT OR THRU TREATMENT PLANT 50050 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | 1.15 | 2.376 | | ***** | ***** | ***** | | 0 | | |
| | PERMIT REQUIREMENT | REPORT 30DA AVG | REPORT DAILY MX | MGD | ***** | ***** | ***** | **** | | DAILY | |
| MERCURY, TOTAL (AS HG) 71900 1 0 0 EFFLUENT GROSS VALUE | SAMPLE MEASUREMENT | ***** | ***** | | ***** | ***** | 0.0109 | | 1 | once/ month | GRAB |
| | PERMIT REQUIREMENT | ***** | ***** | **** | ***** | ***** | 0.0002 DAILY MX | MG/L | | ONCE/ MONTH | GRAB |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
| | PERMIT REQUIREMENT | | | | | | | | | | |
| | SAMPLE MEASUREMENT | | | | | | | | | | |
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| | PERMIT REQUIREMENT | | | | | | | | | | |

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|--|--|--|--|--|-----------|----------|------|----|-----|--|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER | | I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED HEREIN, AND BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING THE INFORMATION, I BELIEVE THE SUBMITTED INFORMATION IS TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT SEE 18 USC § 1001 AND 33 USC § 1319. (Penalties under these statutes may include fines up to \$10,000 and/or maximum imprisonment of between 6 months and 5 years.) | TELEPHONE | | DATE | | | | | |
| P.H. FITCH | | | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT | | AREA CODE | NUMBER | YEAR | MO | DAY | |
| V.P./ GMM. | | | | | | | | | | |
| TYPED OR PRINTED | | | | | 806 | 838-2200 | 89 | 05 | 10 | |

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

RECEIVED
MAY 15 1989
WATER PERMIT & COMPLIANCE BRANCH
EPA-REGION 10